# Participants

* Tim Godfrey, EPRI, TG Chair and meeting host
* Nathan Clanney, Siemens Mobility, Inc.
* Juha Juntunen, Meteorcomm
* Clark Palmer, Meteorcomm, Secretary for the meeting
* Menashe Shahar, Ondas Networks
* Vishal, Ondas Networks
* Harry Bims, Bims Laboratory
* Clint Power, Meta
* Liu Pang

# Meeting Notes

Start at 1:35PM HST

Chair asked for secretary volunteer. Clark agreed to take meeting minutes

Reviewed agenda and guidelines. No objections or changes to the agenda.

Reviewed Contribution from Juha (Meteorcomm) on Proposal for 802.16t channel models (DCN 15-22-0509-00-016t):

* Discussed the question of which model applied to the north American railroad model?
  + Juha provided information that MCC uses the Tetra model and it seems reliable in regards to the deployed Positive Train Control
* Juha led a discussion regarding the minimum and maximum speed mentioned in the contribution.
* Agreed that the channel model does not affect the PHY layer of the standard
* Discussed that the possibility that a different channel model would be provide for fixed use cases
* Discussed the opportunity to develop simulations to validate PHY and channel models together
* Agreed to adopt into an annex or profile to represent mobile use cases

Reviewed Contribution from Menashe (Ondas) on Air Interface Protocol - PHY Layer (DCN 15-22-0512-00-016t) as an update to document of the same name with DCN #210 (DCN 15-22-0210-00-016t), April 2022:

* Vishal committed to contribute MatLab code for simulation.
* Vishal agreed to clean up the contribution based on discussion and upload a revision to DCN 15-22-0512-00-016t
* Agreed that the contribution is complete for P-MP operation. Further contributions need for peer-to-peer operation mode.

General Discussion:

* Discussed needed updates in General sections of 802.16-2017
  + Clean up any BW language in Overview and MAC clauses
* Agreed that there are no known gaps in the PHY functionality before we proceed with an initial draft.
* After discussion, Menashe agreed to develop a comparable Air Interface spec to form the foundation of clause 8.7 to be reviewed in November
  + Discussed that further contributions from the group will be needed by the November meeting to specify changes in MAC clause.
* Discussed the need for changes to support Base Station Controller (BSC) to add new functionality to prevent self-interference.
  + Discussed the approach to inclusion of new BSC functionality. One proposal is to adopt an approach similar to ASN-Gateway as specified in WiMAX Forum.
  + Discussed the potential need to define a set of primitives for communication between BSC and BS.

Reviewed future meeting plans for the Nov 2022 meetings in Bankok

Closing discussion, no other business

Meeting adjourned at approximately 2:45 PM HST